

## Global machine-to-machine communications via Inmarsat BGAN service

The Hughes 9201 is a fully IP-compatible terminal certified for operation on Inmarsat's BGAN global communications service. Rugged and easy to use, the 9201 enables simultaneous IP packet and circuit-switched data communications via standard USB, Ethernet, ISDN, and 802.11 WLAN interfaces. The main features are:

- 492 kbps IP data (transmit & receive)
- ISDN voice (4 kbps)
- ISDN data (64 kbps)
- Allows simultaneous use of all interfaces (Ethernet, USB, ISDN, and WLAN)
- WLAN access point
- Multi-user capability (up to 11 simultaneous sessions)
- Selectable Quality of Service (32, 64, 128, or 256 kbps or X-stream)

### Lightweight, easy to set up and move

Easy to set up and connect, the Hughes 9201 is built to operate in even extreme weather conditions. Multiple user support means an entire team can share a single 9201 simultaneously, providing an 802.11 broadband wireless LAN at any site. Compact and lightweight, the Hughes 9201 can be quickly moved from site to site and connects within minutes. Combined with the global coverage of Inmarsat's BGAN service, the Hughes 9201 offers a powerful IP-compatible gateway for corporate teams to stay connected and to share critical information virtually anywhere, anytime.



### Other highlights

- Full IP compatibility—email, file transfer (FTP), VPN, browsing, etc.
- Compatible with all VPNs
- Cost-effective, “always-on” access—only charged for data sent and received
- Web MMI is accessible via Wi-Fi enabled smart phones
- Auto context activation feature allows PDP contexts to be activated without user action
- Easy to install and connects in minutes
- UMTS IP-based services
- ISDN supplementary services
- FCC, CE, and GMPSC certified

Designed and developed by Hughes, the world leader in broadband satellite networks and services, with more than 2.8 million terminals shipped to customers in over 100 countries.



## Features

- User Interfaces
  - SIM card
  - LED and audio pointing aids
  - Ethernet
  - USB
  - WLAN (IEEE 802.11b)
  - ISDN (for voice and data)
- Package
  - Broadband Satellite IP Terminal and WLAN Access Point
  - Rechargeable lithium ion battery pack
  - AC mains power adapter (110 VAC - 240 VAC)
  - Travel adapter
  - USB cable
  - Ethernet cable
  - ISDN cable
  - User guide (PDF file on CD)
  - Installation CD
- Optional Accessories
  - Standard lithium ion battery pack
  - Extended lithium ion battery pack
  - AC mains power adapter (110 VAC - 240 VAC) output
  - Fixed mount kit
  - Vehicular power adapter (10 VDC - 32 VDC) output
- Compatible Accessories
  - ISDN phones
    - ASCOM Eurit 33 plus deskphone
    - SwissVoice Eurit 25 and 35 deskphone
    - Nera ISDN handset
    - Nera Worldset handset
    - Siemens Gigaset SX255 cordless DECT ISDN base station and S1 handset
    - Any RJ-11 analog handset with any ISDN (2-4 wire) terminal adapter (TA)
    - Most VoIP handsets
  - Solar Chargers
    - IDG Europe T-60 (3 panel), Max. 60 W, 3.3 A
    - Powerline Suncatcher F0002 (2 panel) max. 25.1 W

## Technical Specifications

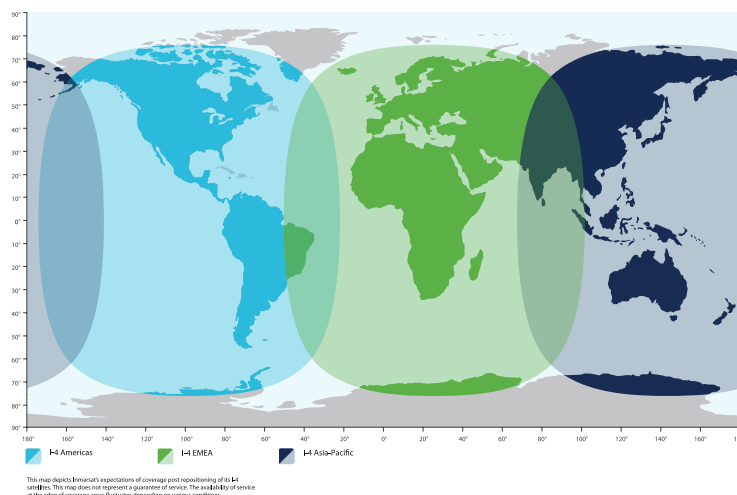
### Physical and Environmental

Weight:	2.8 kg (terminal with battery)
Dimensions:	27.5 cm D x 34.5 cm W x 5.0 cm H
Battery Life*:	Transmit: 162 megabytes Receive: 864 megabytes 36 hours standby time
Humidity:	95% RH at 40° C
Temperature:	-25° C to +60° C operating -25° C to +60° C storage (w/ battery)
Water and Dust:	IP-55 standard
Wind:	Operational 25 mph (40 km/h)
Survival:	100 mph (160 km/h)
Ice:	25 mm non-operational

### Supported Operating Systems

Windows XP/Vista/Win7  
Mac OS X

\* Actual performance will vary based upon a wide range of factors and actual usage.



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